

AMENDMENTS TO THE DRAWINGS

The attached drawing sheets include changes to FIGS. 2, 3 and 5. These sheets, that include FIGS. 2, 3 and 5, replace the original sheets. In FIGS. 2 and 3, reference number "11" has been added to more clearly define the present invention. In FIG. 5, reference number "9" has been replaced with reference number "18."

Attachment: Replacement Sheet
Annotated Sheet Showing Changes

REMARKS / ARGUMENTS

The action by the Examiner in this application, together with the references cited, has been given careful consideration. Following such consideration, claim 1 has been amended to define more clearly the patentable invention Applicant believes is disclosed herein. It is respectfully requested that the Examiner reconsider the claims in their present form, together with the following comments, and allow the application.

The drawings stand rejected under 37 CFR 1.83(a). In response to the Examiner's rejections, reference number "11" has been added in FIGS. 2 and 3 and reference number "9" has been replaced with reference number "18" in FIG. 5. It is respectfully submitted that the drawings are now in compliance.

Enclosed with this Response is a copy of the abstract for the patent application. It is respectfully requested that the Examiner accept the abstract in its present form.

As the Examiner well knows, the present invention relates to a portable integrated electronic interactive device with various sub-assemblies disposed in a single housing. The sub-assemblies include a computational circuit, a recording device, a television tuner card and a projecting device. The sub-assemblies are each pre-connected with each other. A single switch is provided to operate the various sub assemblies. The positioning of the single switch into the "ON" condition enables all the sub assemblies to be in a working condition simultaneously. Moreover, the device can be switched easily from one mode to another mode (i.e. between TV and computer mode) during normal operation. The device may also be operated by a remote control.

The present invention provides a device that integrates various functions of an internet enabled multimedia computer, a television, an audio player, a VCD player, a DVD player, a game station and a data projector into a single portable housing for community learning, entertainment, data transmission and public governance. The device is operable by a single switch and provides for the easy switching of the mode during normal operation of the device.

In response to the Examiner's rejections, claim 1 has been amended to define more clearly the patentable invention Applicant believes is disclosed herein. It is respectfully

submitted that the cited reference does not disclose a structure as described in the claims in their present form.

Claims 1–11 stand rejected under 35 U.S.C. 102(b) as being anticipated by U.S. Patent No. 6,522,419 to Ko. The ‘419 patent refers to a multimedia presentation computing device. The device is an aggregation of known sub-assemblies. Claim 1 of the ‘419 patent defines:

“A multimedia presentation computing device, comprising:

a remote controller;

an input unit having interfaces at a front side of the device for connecting the remote controller, a keyboard, and a microphone; .

an output unit having interfaces for connecting a monitor and a speaker;

a storage device for storing sound, graphic, and video files;

a processing unit having sound, graphic, and video controllers, the processing unit processing and sending the data of the storage device to the output unit, and selectively processing and sending data from at least one of the camera, the microphone, and the keyboard to the output unit according to a signal of the remote controller or the keyboard;

an operating system enabling the controllers of the processing unit to process data of the storage device and data from the input unit;

wherein the operating system has **a form of a chip** and is **upgraded by replacing the operating system**, and

wherein the processing unit is in a form of one integrated circuit board where the sound, graphic, and video controllers are unified.” (emphasis added)

The device claimed in the ‘419 patent includes input ports to connect various components, namely, a text keyboard, a music keyboard, video, speakers, a microphone, a mouse, a controller, a camera, a digitizer, a joystick and headphones. These ports are installed on the front of the device (see FIG. 2(a) and column 2, lines 39-42). Claim 1 of the ‘419 patent, defines the interfaces, i.e. the input ports, as being essential features of the invention whereas the present invention is devoid of any such input ports. Due to the presence of the ports, the device defined in the ‘419 patent requires the user to have knowledge and familiarity with different

types of connections and cables, thereby making it difficult to use, especially for a new user. In addition, the '419 patent discloses that a chip is required for upgrading the system.

As stated above, the present invention defines a device that does not require various connectivities and cables but includes sub-assemblies that are pre-connected and enclosed in a single housing. A single switch on the front of the device simultaneously enables all the sub-assemblies into a working condition. In this respect, the device of the present invention is easy to use. In addition, the device can be switched between TV and PC mode at the user's will during normal operation of the device. The present invention also does not require a chip that must be upgraded, as defined in claim 1 of the '419 patent. It is respectfully submitted that the '419 patent does not teaches, suggests or shows a device having "a plurality of sub-assemblies in pre-connected relationship with each other...wherein the device has a switch for switching between TV mode and computer mode at anytime during normal working of the device at the user's will," as currently define in claim 1. In addition, it is respectfully submitted that nothing in the '419 patent would motivate a person skilled in the art to remove the input ports from the '419 patent and just provide a housing with various sub assemblies disposed therein.

In the present invention, the outputted information can be viewed on a wall or any plain surface, thereby obviating the need to connect or install an output device such as a TV monitor, computer monitor, LCD, etc., as described in the '419 patent (see FIG. 1 and column 2, line 31-35). The device of the present invention gives large format television viewing in a size up to 300 inches. It is respectfully submitted that the '419 patent does not teaches, suggests or shows a projecting device in the housing "for projecting video and digital data into a predetermined ultra large size image over a surface external to the housing," as defined in claim 1 of the present invention.

As described in column 2, lines 44-46 of the '419 patent, the input and output ports are not normally disconnected once installed. In this respect, the device defined in the '419 patent is difficult to transport. The present invention, however, does not require any connections and is compact and portable.

The device defined in the '419 patent includes the use of multiple buttons. (see FIG. 2a and column 3, lines 44-45) The '419 patent is silent on providing a single button, as is the case in the present invention. Furthermore, the device of the '419 patent does not define a switch for

switching between TV mode and computer mode at anytime during normal operation of the device, as currently defined in amended claim 1.

The device of the '419 patent includes multiple input and output ports for connecting various devices thereby requiring several voltage stabilizing devices and uninterrupted power supply devices. As a result, the device of the '419 patent is more costly as compared to the present invention wherein the sub-assemblies are all pre-connected in one housing, as defined in claim 1.

In view of the foregoing, it is respectfully submitted that independent claim 1 is patentable over the cited references. Furthermore, the remaining claims depend from independent claim 1. Therefore, it is respectfully submitted that these claims are likewise patentable over the cited references for at least the reasons set forth above in connection with the independent claim.

It should be noted that an **Information Disclosure Statement (IDS)** accompanies this Response. The IDS corrects a reference that was incorrectly numbered in the IDS submitted on October 17, 2005. The Examiner is respectfully requested to consider the reference cite therein.

Attached is a copy of the postcard, stamped by the USPTO, confirming that four (4) references were submitted with the IDS dated October 17, 2005. However, the Examiner states in the present Office Action that two of the submitted references are missing. For the Examiner's convenience, Applicant is attaching a copy of the two references that are believed to be missing.

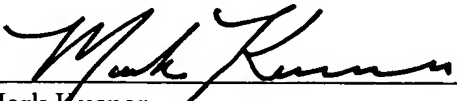
In view of the foregoing, it is respectfully submitted that the present application is now in proper condition for allowance. If the Examiner believes there are any further matters which need to be discussed in order to expedite the prosecution of the present application, the Examiner is invited to contact the undersigned.

Application No. 10/553,680
Reply to the Office Action mailed November 28, 2007
Amendment filed March 27, 2008

If there are any fees necessitated by the foregoing communication, please charge such fees to our Deposit Account No. 50-0537, referencing our Docket No. KS9219PCT(US).

Respectfully submitted,

Date: March 27, 2008

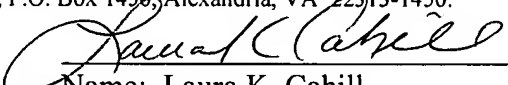

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CERTIFICATE OF MAILING UNDER 37 C.F.R. §1.8

I hereby certify that this correspondence (along with any paper referenced as being attached or enclosed) is being deposited on the below date with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to Mail Stop Amendment, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

Date: March 27, 2008


Name: Laura K. Cahill